

THERMOFLEX

special thermoprotective paint



**Certified
special thermoprotective & reflective
paint for exterior use**

Certified thermal insulation
properties from





PAINTING & THERMOPROTECTIVE

Innovative certified cool, thermoprotective, high reflective paint, based on new technology reflecting and thermoceramic nanospheres. It provides an excellent finish and exhibits great protection to temperature variations and exceptional weather fastness, even if exposed to adverse weather conditions. The product offers energy savings due to decreased use of cooling and heating devices and simultaneously contributes to dealing with the urban heat island phenomenon and global climate change caused by global warming.



It is available in white and in an unlimited number of shades through CHROMODOMI's colouring system



“ If all external surfaces of buildings in our cities was painted with THERMOFLEX, then it would have been reduced significantly the urban heat island effect that plagues our cities during the summer. ”



ENERGY SAVING

Thermoflex has special composition with thermoceramic nano, contributing to energy saving, during winter and summer. It is suitable for every kind of new or old surface. It offers a magnificent matt surface and its shades remain fadeless for many years.

HIGH REFLECTIVITY

According to the official measurements carried out by the Centre for Renewable Energy Sources and Saving (C.R.E.S.) THERMOFLEX is characterized by high Initial Total Solar Reflectance SR, thus reflecting more than 90% of incident solar radiation in the area of the visible spectrum.

THERMAL CONDUCTIVITY

The product can be used as part of the wall in bioclimatic program to assess the overall performance of a building. Measured and certified value of the coefficient of thermal conductivity of the product is $\lambda = 0,20 \text{ W / Mk}$.

APPLICATION

Stir well before use. Do not apply at temperatures below 6°C and above 40°C and at relative humidity above 80%. To ensure proper adhesion of the paint have to the surface be cleaned from dust, grease, oil, peeling old paint, rust, mold or moisture. Apply on surface a coat of LIFE DUR undercoat diluted with White Spirit at a ratio 100% and let to dry. Dilute THERMOFLEX with water at a ratio 5-15% and apply two coats.

VOC (VOLATILE ORGANIC COMPOUNDS)

EU limit value for this product (category A / c "Exterior walls of mineral substrate" type WB) 40g/l (2010). The product contains a maximum of 37g/l VOC.



Savas Chaliampalias & CO
Ind. Area of Thessaloniki - 57022 Sindos - Greece
Tel. ++30 2310 796.663 • Fax ++30 2310 723.147
www.chromodomi.gr • www.thermonosystem.gr



The company is certified to the standards
EN ISO 9001:2008 / EN ISO 14001:2004